

# Casio.

## The name in Pocket Computers



JOIN THE COMPUTER AGE  
WITH A **CASIO**  
PERSONAL COMPUTER.

DISTRIBUTED AND WARRANTED BY



From the tiny PB:100 to the PB:700 (the mainframe that fits in a briefcase) Casio personal computers are all designed to save you time and money. Their compact size belies the real power inside each one. And the state of the art technology is only matched by the way they make it so easy for you to use them for an almost limitless number of tasks. In fact, no matter which way you look at them, you'll find that for personal computers, there's very little around to match them.

### FOR BUSINESS

The Casio Computer Range helps you automate business at the desk or on the road. By simple programming, you can produce graphs that simplify data analysis. You can even make estimates on the spot in your client's office. Compute Depreciation, carry out Inventory Control, or produce Histograms, and more with ease. Casio offers you enough applications to answer all your business needs.

### FOR ENGINEERING

Casio is much more than a hand-held calculator. In fact, it's close to a personal computer in terms of overall ability. Advanced computations are simplified and you can even obtain beautifully vivid four-colour printouts.

### FOR HOBBY & EDUCATION

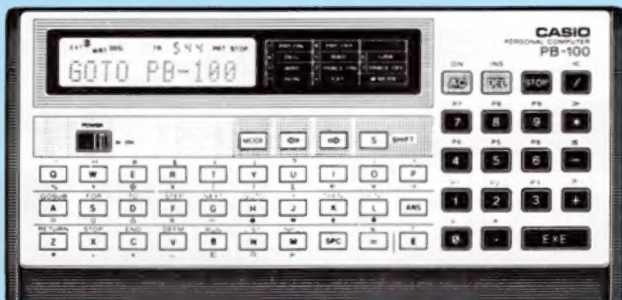
Thanks to Casio's mini-graphic display, virtually any pattern can be produced. Games such as Boat Race, Labyrinth, Escape, Double Rotation, Mole Banging, and Space Evader are all yours to enjoy. You can of course use a Casio computer to invent your own games! Or to enjoy a computer-designed flower or other graphics. In addition to all these functions, the Casio range is invaluable in schools and universities for learning to program and use scientific functions.

AVAILABLE FROM:



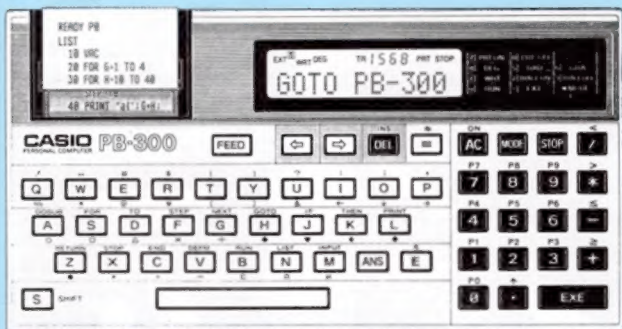
## CASIO PB-100

The Casio PB-100 is the ideal introduction to the world of computers. It will teach you to program in the world's most popular computer language — BASIC — and may be further expanded by addition of an optional RAM-PACK.



## CASIO PB-300

The Casio PB-300 features a built-in 20 digit printer for easy to read hard copy of all programs and data. It's compact and lightweight enough to fit into your pocket. The available memory is 1568 steps and has built-in memory protection when you turn the unit off, and the keyboard is arranged just like a typewriter keyboard.



### SPECIFICATIONS:

Number of memories: Standard 26, expandable to 94.

Built-in functions: Trigonometric/inverse trigonometric functions (angular units — degree/radian/gradient), logarithmic/exponential functions, square root, powers, conversion to integer, deletion of integer portion, absolute value, symbolization, random numbers,  $\pi$ .

Commands: INPUT, PRINT, GOTO, FOR NEXT, IF-THEN, GOSUB, RETURN, STOP, END, RUN, LIST, LIST A, MODE, SET, VAC, CLEAR, CLEAR A, DEFN, SAVE, SAVE A, LOAD, LOAD A, PUT, GET, VER.

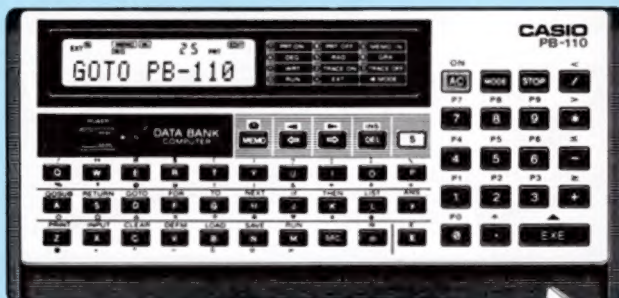
Program functions: KEY, CSR, LEN, MID, VAL.

Battery life: Mainframe only — approximately 360 hours (Cont. use).

Supplied with: PB-100 "Easy Guide to Programming", "PB-100 Owner's Manual" PB-300 "Pick it up and Program"

## CASIO PB-110

The Casio PB-110 is really two business machines in one. First, it's a compact, BASIC language computer with a 10 programme capacity. And next it's a handy Data Bank, that lets you store everything from telephone numbers, addresses and appointments to travel information and code numbers. And they're all there when you need them, at the touch of a button.



### SPECIFICATIONS:

Program language: BASIC.

RAM capacity: 1K bytes (2K bytes with the use of OR-1 RAM expansion pack).

Built-in functions: Trigonometric/inverse trigonometric functions (angular units — degree/radian/gradient), logarithmic/exponential functions, square roots, powers, conversion to integer, deletion of integer portion, absolute value, symbolization, random numbers,  $\pi$ , decimal  $\longleftrightarrow$  sexagesimal.

Commands: INPUT, PRINT, GOTO, ON-GOTO, FOR-NEXT, IF-THEN, GOSUB, ON-GOSUB, RETURN, READ, DATA, RESTORE, STOP, END, REM, LET, BEEP, PASS, RUN, LIST ALL, DEFN, SAVE, SAVE ALL, LOAD, LOAD ALL, PUT, GET, VERIFY, NEW#, LIST#, LOAD#, SAVE#, READ#, WRITE#, RESTORE#.

Program functions: KEY, CSR, LEN, MID, VAL.

Number of variables: Minimum 26 variables and exclusive character variable (\$).

Battery life: Approx. 140 hours (Cont. use).

Supplied with: "PB-110 Owner's Manual" "Data Bank" Reference Manual.

Battery life: Mainframe only — approx. 140 hours continuous use. RAM card. RC-2 — approx. 2 years. RC-4 — approx. 1 year.

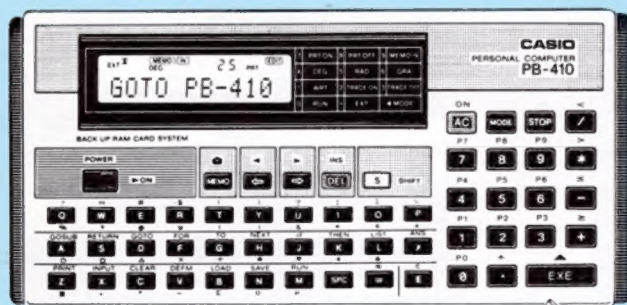
Supplied with: "Data Bank" reference manual "PB-110 — Owner's Manual".

NEW!



## CASIO PB-410

The Casio PB-410 is loaded with features that make it at home in the office or on the move. The RAM card programs pack away as easily as name cards. And, by simply changing RAM cards, you can change your programme easily and quickly. Tailor-made for any job, you may use as many RAM cards as you wish. Your RAM cards feature their own built-in batteries to ensure that you never lose important data, even when removed from the machine. RAM cards hold up to 4K of data and are interchangeable



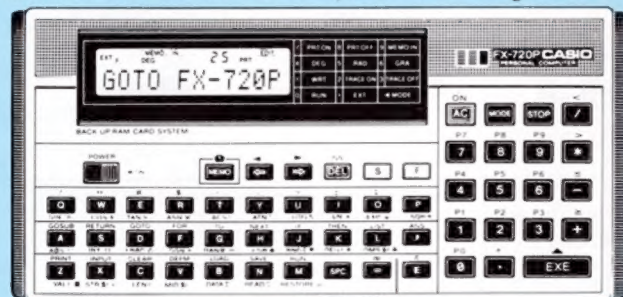
### SPECIFICATIONS:

- Built-in functions:** Trigonometric/inverse trigonometric functions (angular units — degree/radian/grade), logarithmic/exponential functions, square roots, powers, conversion to integer, deletion of integer portion, absolute value, symbolization, random numbers,  $\pi$ , decimal  $\longleftrightarrow$  sexagesimal.
- Commands:** INPUT, PRINT, GOTO ON-GOTO, FOR-NEXT, IF-THEN, GOSUB, ON-GOSUB, RETURN, READ, DATA, RESTORE, STOP, END, REM, LET, BEEP, PASS, RUN, LIST, LIST ALL, MODE, SET, CLEAR, NEW, NEW ALL, DEFN, SAVE, SAVE ALL, LOAD, LOAD ALL, PUT, GET, VERIFY, NEW#, LIST#, LOAD#, SAVE#, READ#, WRITE#, RESTORE#.
- Program functions:** KEY\$, CSR, LEN, MID\$, VAL, STR\$.
- Program language:** BASIC.
- RAM capacity:** RC-2 — 2K bytes.  
RC-2 — 4K bytes.
- Battery life** Mainframe only — approx. 140 hours continuous use.  
RAM card RC-2 — approx. 2 years. RC-4 — approx. 1 year.
- Supplied with:** Data Bank reference manual  
"FX-720P Owner's Manual".

## CASIO FX-720P

The Casio FX-720P is an easy to handle computer that features RAM cards with their own built-in batteries to make sure that you never lose important data, even when removed from the computer.

The Data Bank holds all your private memoranda like names, addresses and phone numbers. And when combined with BASIC programs, can be used for an extensive range of jobs such as schedules and totalizing. The FX-720P even features real sound signals for computer games and has 10 program areas available for simultaneous use. With all the features of the PB-410 plus 27 scientific functions, the FX-720P has been tailor-made for students, scientists and engineers.



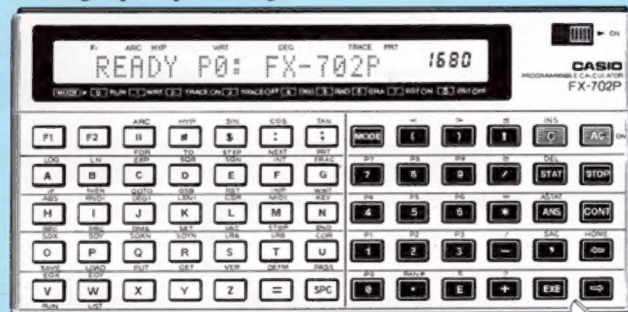
### SPECIFICATIONS:

- Direct access and programmable functions:** Trigonometric/inverse trigonometric functions, logarithmic/exponential functions, square roots, conversion to integer, deletion of integer portion, absolute value, symbolization, random numbers,  $\pi$ , decimal  $\longleftrightarrow$  sexagesimal.
- Commands:** INPUT, PRINT, GOTO, ON-GOTO, FOR-NEXT, IF-THEN, GOSUB, ON-GOSUB, RETURN, READ, DATA, RESTORE, STOP, END, REM, LET, BEEP, PASS, NEW ALL, DEFN, SAVE, SAVE ALL, LOAD, LOAD ALL, PUT, GET, VERIFY, NEW#, LIST#, LOAD#, SAVE#, READ#, WRITE#, RESTORE#.
- Program functions:** KEY\$, CSR, LEN, MID\$, VAL, STR\$.
- Program language:** BASIC.
- RAM capacity:** RC-2 — 2K bytes.  
RC-4 — 4K bytes.
- Battery life** Mainframe only — approx. 140 hours continuous use.  
RAM card RC-2 — approx. 2 years. RC-4 — approx. 1 year.
- Supplied with:** Data Bank reference manual  
"FX-720P Owner's Manual".



# CASIO FX-702P

The Casio FX-702P is a sophisticated problem-solver aimed squarely at the student. With the unique alphabetic keyboard that means you don't have to be a typist to use it, and a total of 55 separate 2 key scientific functions, 1568 program steps and 226 memories, the FX-702P is unbeatable in its range for versatility, practicality and speed. And advanced digital technology means the FX-702P offers users ultra-high speed processing.



## SPECIFICATIONS:

Direct access and programmable functions:

Trigonometric and inverse trigonometric functions (units of angular measure in degrees, radians or gradients), hyperbolic and inverse hyperbolic functions, logarithmic and exponential functions, factorial, square root, powers, coordinate conversion, integerize, remove, integer portion, absolute value, symbolize, decimal  $\longleftrightarrow$  sexagesimal conversion, random number,  $\pi$ .

Statistical calculation functions:

Standard deviation: Number of data, sum, square sum, mean, standard deviation (2 kinds).

Linear regression: Number of data, sum of x, sum of y, square sum of x, square sum of y, data product sum, mean of x, mean of y, standard deviation of x (2 kinds), standard deviation of y (2 kinds) constant term, regression coefficient, correlation coefficient, estimated value of x, estimated value of y.

Commands: INP, KEY, PRT, DMS, IF-THEN, GOTO, FOR, NEXT, GSB, RET, WAIT, STAT, DEL, SAC, MODE, SET, STOP, END, SAVE, SAVE ALL, LOAD, LOAD ALL, GET, PUT, VER, PASS, RUN, LIST, LIST V, LIST ALL, CLR, CLR ALL.

Character functions: LEN, MID.

Battery life: Approximately 240 hours.

Program language: BASIC.

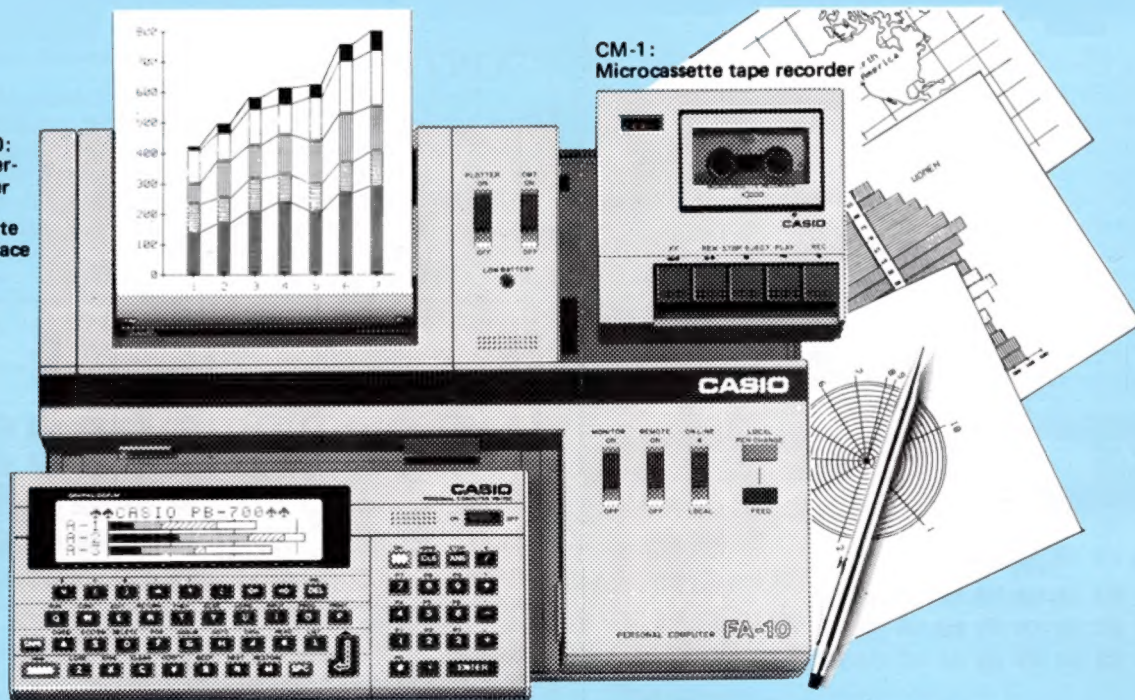
Number of steps: 80 to maximum of 1680 steps.

Supplied with: FX-702P "Program Library".

MODEL	DISPLAY TYPE	DISPLAY CAPACITY	MAINTENANCE & EXP.	PROGRAMME LANGUAGE	MAXIMUM CAPACITY	NO. OF STORABLE PROGRAMS	NO. OF ALPHABETIC NESTING LEVELS	NO. OF SINGLE KEY SCIENTIFIC FUNCTIONS	EXPANDABLE TO CASSETTE INTERFACE	EXPANDABLE TO PRINTER	NO. OF PROGRAMMED SCIENTIFIC FUNCTIONS (FAVOUR?)	NO. OF BASIC COMMANDS	BATTERY LIFE	ALTO POWER OFF	2 KEY COMMAND ENTRY	REMOVABLE MAIN PACK	BATTERY BACKED-UP	ADDITIONAL FEATURES
PH100	LCD	12	8+2	BASIC	1568 STEPS	10	8	0	YES FA3	YES PP-12	25	YES	30	YES	YES	NO	NO	
PH110	LCD	12	8+2	BASIC	2K	10	8	0	YES FA3	YES PP-12	27	YES	30	YES	YES	NO	NO	DATA BANK FUNCTION
PH410	LCD	12	8+2	BASIC	4K BYTES	10	8	0	YES FA3	YES PP-12	27	YES	48	YES	YES	YES	YES	DATA BANK FUNCTION
FX720p	LCD	12	8+2	BASIC	4K BYTES	10	8	27	YES FA3	YES PP-12	27	YES	48	YES	YES	YES	YES	DATA BANK FUNCTION
FX702P	LCD	20	10+2	BASIC	1680 STEPS	10	10	55	YES FA2	YES PP-10	55	NO	47	YES	YES	NO	N/A	STUDENT ENGINEERING
PH500	LCD	12	8+2	BASIC	1568 STEPS	10	8	0	YES FA3	PRINTER BUILT IN	25	YES	30	YES	YES	NO	N/A	BUILT-IN RECHARGEABLE BATTERY
FX750P	LCD	24	10+2	BASIC	8K BYTES	10	8	66	YES FA20	YES FA20	66	YES	71	YES	YES	YES	YES	
PH700	LCD	4 LINE 20 CHAR.	11+2	BASIC	16K BYTES	10	12	0	YES FA10 OR FA4	YES FA10	27	YES	58	YES	YES	NO	NO	



**FA-10:  
Plotter-  
printer  
with  
cassette  
interface**



## CASIO PB-700

The Casio PB-700, with the addition of the FA-10 printer or the FA-4 cassette interface and the CM-1 optional micro cassette recorder is a total computer system. A complete package that fits into your briefcase. No matter what your business it can be programmed to meet your specific needs quickly and easily. For sales people, it can call up rates, prices and percentages at the touch of a button. And on-road people like architects, surveyors and contractors can have instant, clear, four colour graphs and charts in a matter of seconds.

### SPECIFICATIONS: PB-700

**Built-in functions:** Trigonometric/inverse trigonometric functions (angle units — degree/radian/gradient), logarithmic/exponential functions, square roots, powers, conversion to integer, deletion of integer portion, absolute value, symbolization, rounding, random numbers,  $\pi$ .

**Commands:** CONT, DELETE, EDIT, LIST, LLIST, LOAD, NEW, PASS, PROG, RUN, SAVE, SYSTEM, TROFF, TRON, VERIFY, ANGLE, BEEP, CHAIN, CLEAR, CLS, DATA, DIM, DRAW, DRAWC, END, ERASE, FOR-TO-STEP, NEXT, GET, GOSUB, GOTO, IF-THEN-ELSE, INPUT, LET, LOCATE, LPRINT, PRINT, PUT, READ, REM, RESTORE, RETURN, STOP.

**Character functions:** ASC, CHR\$, LEFT\$, LEN, MID\$, RIGHT\$, STR\$, VAL.

**Other functions:** INKEY\$, POINT, TAB USING.  
**Program language:** BASIC.  
**Memory capacity:** Standard 4K bytes, expandable up to 16K bytes.  
**Battery life:** Approximately 100 hours.  
**Supplied with:** "Easy Trip to BASIC".

## FA-10 PLOTTER PRINTER

**Printing Method:** Ball-point pens in rotary pen holder.  
**Drive configuration:** Drum type X-Y plotter.  
**Character types:** 159 characters, 63 graphic characters.  
**Number of printed characters per line:** Max 80 (ALPHA SCALE 0).  
 Normal 40 (ALPHA SCALE 1).  
 MIN. 8 (ALPHA SCALE 9).  
**Character size:** 10 different sizes (specified by program).  
**Printing speed:** Average 11 characters/sec. (ALPHA SCALE 0).  
**Step speed:** 260 steps/sec.

## CM-1 CASSETTE INTERFACE

**Tape:** Microcassette tape (Olympus' standard).  
**Recording method:** Kansas City standards (300BPS).

\*With the CM-1, Casio provides a demonstration "Graph Making" tape to help you explore the potential of this highly useful personal computer.



## CASIO FX-750P

If you're looking for a small, powerful, professional, personal computer, look no further than the Casio FX-750P. Its slide-in RAM card gives storage and instant access to any programme and data. Using BASIC programming, it can open up rapid processing with 66 scientific functions (including statistical functions and ten physical constants).

To accelerate programming time, the FX-750P also features straight through input for the most frequently used commands (PRINT, INPUT, GOTO) and functions (SIN, LOG, SQR).



### SPECIFICATIONS:

Direct access and programmable functions:

Trigonometric/inverse trigonometric functions (angle units — degree/radian/grade), hyperbolic/inverse hyperbolic functions, logarithmic/exponential functions, square roots, powers, conversion to integer, deletion of integer portion, absolute value, symbolization, rounding, random numbers,  $\pi$ , degrees, minutes and seconds, hexa, acceleration of free fall, speed of light in space, Plank's constant, gravitational constant, elementary charge, electron rest mass, atomic mass, Avogadro constant, Boltzmann's constant, volume of kg-mole under STP.

Commands:

CONT, DELETE, EDIT, LIST, LIST V, LLIST, LLIST V, LOAD, NEW, PASS, PROG, RUN, SAVE, STAT LIST, STAT LLIST, SYSTEM, SYSTEM P, SYSTEM V, VERIFY, ANGLE, BEEP, CHAIN, CLEAR, CLS, DATA, DIM, END, ERASE, FOR-TO-STEP, NEXT, GET, GOSUB, ON-GOSUB, GOTO, ON-GOTO, IF-THEN-ELSE, INPUT, LET, LOCATE, LPRINT, PRINT, PRINT OFF, PRINT ON, PUT, READ, REM, RESTORE, RETURN, ROUND OFF, ROUND ON, STAT, STAT CLEAR, STOP, TROFF, TRON, WAIT.

Character functions:

ASC, CHR\$, LEFT\$, LEN, MID\$, RIGHT\$, STR\$, VAL, DM\$, HEX\$.

Other functions:

INKEY\$, TAB, USING, MOD, &H.

Program language:

BASIC.

Memory capacity for Standard 4K bytes expandable up to 8K bytes. programs:

Battery life:

Main: Approximately 120 hours.  
RAM card: Approximately 12 months.

Supplied with:

"FX-750P Owner's Manual".

## BOOKS:

Need software? Casio supports your product with continuing releases of program libraries. Currently available are:

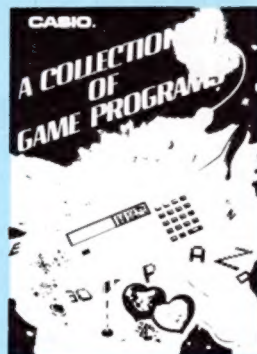


**LIBRARY 1E:** Suitable for PB-100, PB-110, PB-300, PB-410, FX-720P.

Examples of programs are: Space Landing, Blackjack, Pickpocket, Slot Machine.

**LIBRARY 2E:** Suitable for PB-100, PB-110, PB-300, PB-410, FX-720P.

Examples of programs are: Stock Investment, Handy Machine Cost, Telephone Directory, Mouse Bashing.



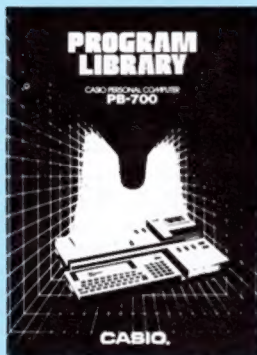
**LIBRARY 3E:** Suitable for PB-700.

Examples of programs are: Address Book, Word Processor, Business Analysis, Frequency Distribution.



**LIBRARY 4E:** Suitable for FX-750P.

Examples of programs are: Polar, Rectangular Conversions, Oil Pressure, Word Processor, Golf Game.



**Coming soon: A range of pre-programmed software cassettes.**



# INTERFACE • PRINTERS • MEMORY • PAPER • PENS



## CASSETTE INTERFACES:

Just slip your computer into the interface and load or save programs and data, quickly and easily.

FA-2 Designed for FX-702P.

FA-3 Designed for PB-100, PB-110, PB-300, PB-410, FX-720P.

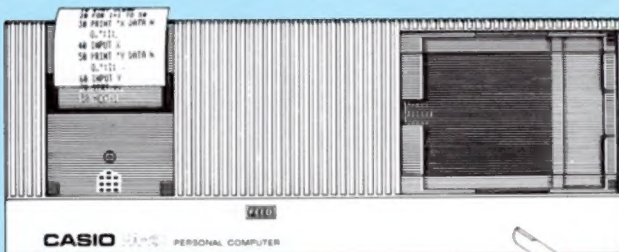


## PRINTERS:

Tired of forgetting what you've calculated? Simply plug in a printer and easily obtain printed results of your calculations.

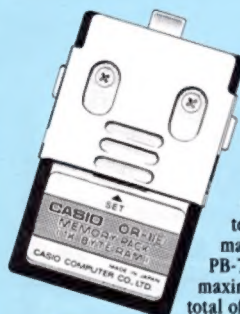
FP-10 Suitable for FX-702P.

FP-12 Suitable for PB-100, PB-110, PB-410, FX-720P.



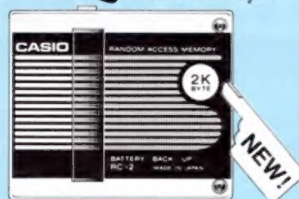
## PRINTER INTERFACES:

Designed exclusively for the FX-750P, the FA-20 combines a printer with a cassette interface.



**MEMORY:**  
OR-1 — 1K RAM: May be added to your computer to increase your memory requirements by 1,000 steps. Suitable for PB-100, PB-110.

OR-4 — 4K RAM: Up to 3 of these units may be added to the PB-700 to increase the maximum memory to a total of 16 K-bytes.



RC-2/RC-4: Casio's latest memory offering. The "Memory Card" quickly and easily slips into your computer. Available in two sizes (2K and 4K). These unique memory cards have their own built-in battery back-up, therefore allowing you to change your cards at will without losing any of your programs or data.

## CONSUMABLES:

Paper: Rolls of paper to run your printers —

FP-10 — CMP-36 (5 rolls per pack).

FP-12/FA-20 — TRP-16 (5 rolls per pack)

FA-10 — PRP-24 x 2 or PRP-70.

Pens for your FA-10 printer/plotter:

BP-1 — 4 colour pen set.

BP-2 — black pen set.

ACCESSORY	DR1	DR4	RC2	RC4	FA2	FA3	FA4	FA10	FA20	FP10	FP12	CM1	BK1E	BK2E	BK4E	BK5E
PB100	•					•							•	•		
PB110	•					•							•	•		
PB410			•	•		•					•		•	•		
FX720P			•	•	•	•					•			•		
FX702P					•					•						
PB300						•										
FX750P			•	•					•							•
PB700		•					•	•				•			•	